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NASA TT F-10,966

Sci-Astron
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NASA TT F-10,968

Sci-~~XXXXX~~ Astron & Astrophys
H
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Orbits of Meteor Bodies From Photographic Observations 1957-1958, by V. I. Dem'yanenko, et al,
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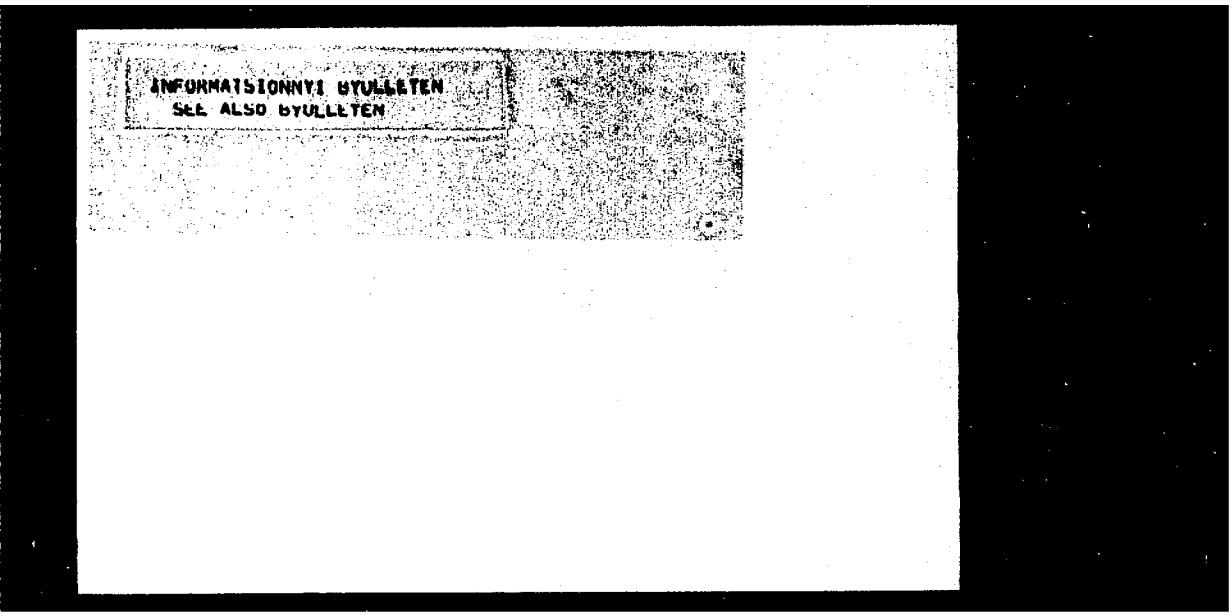


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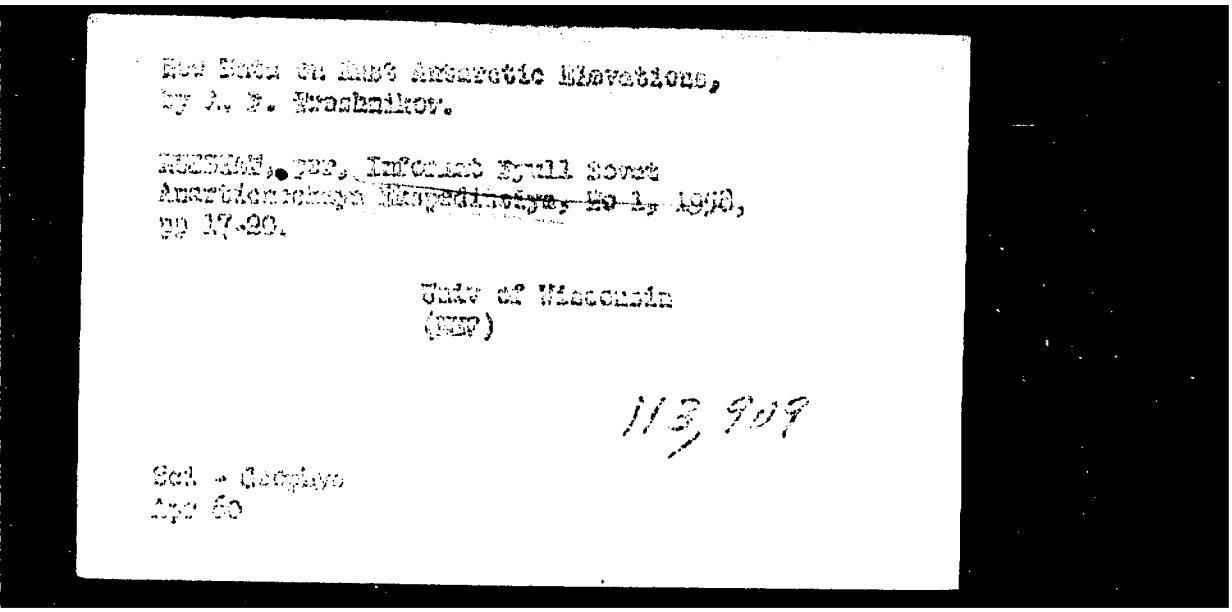

New Data on Some Antarctic Elevations,
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RUSSIAN, pub. Informat Bull Soviet
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Structural Diagram of Antarctica, by P. S. Voronov, 5 pp.

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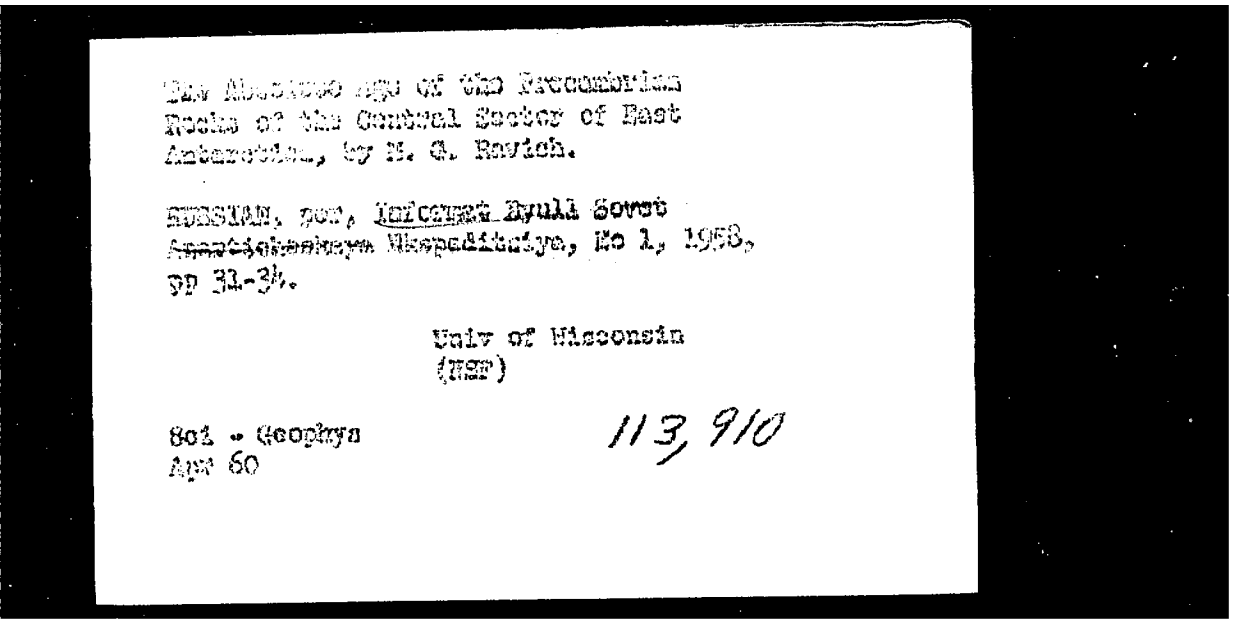

Age Absolute Age of the Precambrian Rocks of the Central Sector of East Antarctica, by M. G. Ravich.

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Dependence of the Form of the East Antarctic Ice Cap Upon Bottom Topography and Character of Ice Flow, by A. P. Kapitsa.

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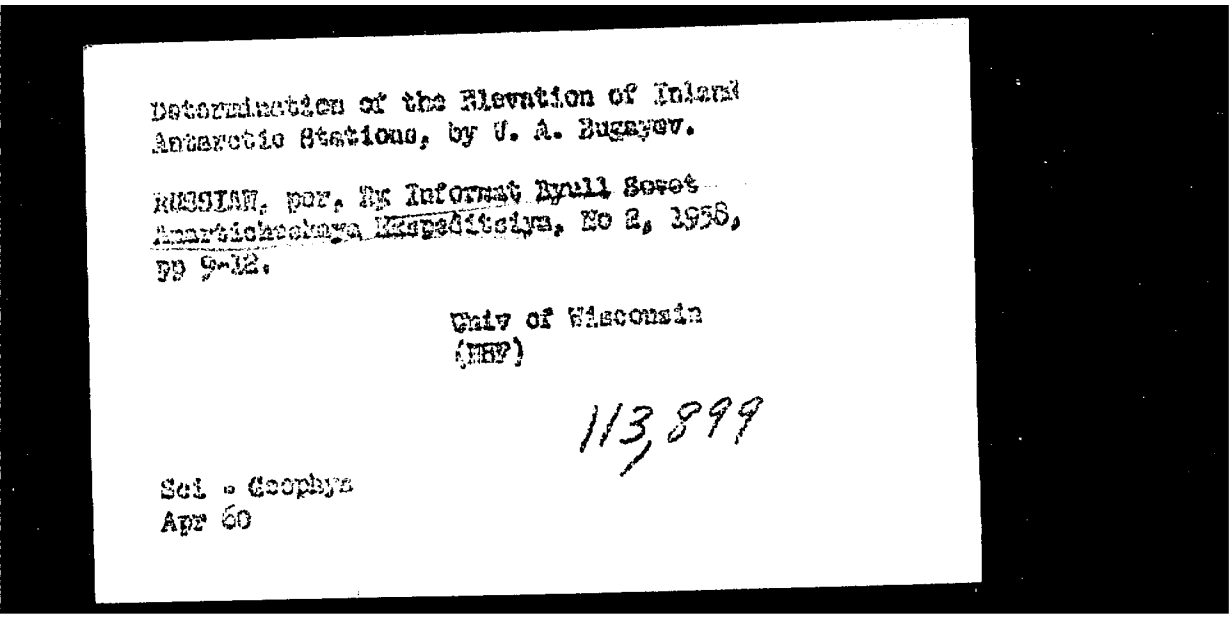

Determination of the Elevation of Inland Antarctic Stations, by V. A. Bugayev.

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Some Results of Geological Investigations of the Soviet Antarctic Expeditions, by M. G. Ravich.

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Geology Problems of the Structure of Asia Antarctica, by P. S. Voronov.

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Cause of Localization of Geomagnetic Variations in the Mirnyy Region, by A. M. Kamnurov.

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Hydrological Investigations on the Diesel Electric-Powered "Ob'" (1955-1958), by K. V. Moroshkin.

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Distribution of Oxygen, Phosphates, and Silicomum Acid in Antarctic Waters, by A. M. Bogoyavlensky.

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Bottom Relief and Sediments of the Southern Parts of the Ocean Basins, by A. V. Zhivago, A. P. Lisitsyn.

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Geographical Distribution of Deep Water Bottom Fauna of Antarctica, by N. G. Vinogradova.

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The Fauna of the Antarctic Slope Between 100° and 105°E, by V. A. Bugayev, E. I. Golubkov.

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Geological Problems of East Antarctica, by M. G. Ravich.

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The Supposed Zone of Buried Fault Block Structures of East Antarctica Between the South Pole and Prydz Bay, by P. S. Voronov.

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Certain Characteristics of the Temperature Regime of the Free Atmosphere Over Antarctica, by A. M. Kovrova.

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Katabatic Winds on the Coast of East Antarctica,
by N. P. Rusin.

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Mal'tsev, V. N.
THE DISCOVERY OF SUBMERGED HIGHLANDS ON THE SEA BOTTOM OF THE INDIAN OCEAN. [1961] [9]p. (2 plates omitted).
Order from OTS or SLA $1.10 62-13507

Trans. of Sovetskaya Antarkticheskaya Ekspeditsiya. [Informatsionnyi] Byulleten', 1959, no. 4 [p. 43-48].

DESCRIPTORS: *Ocean bottom, *Mountains, Indian Ocean.

There appears to be a line of new underwater upheavals that bears witness to the existence in Cenozoic times of a continental connection of Antarctica to the rest of the continent of the Southern Hemisphere. These formations on the ocean bottom formerly were an expanse of dry land. (Author)
(Earth Sciences--Oceanography, TT, v. 7, no. 6)

62-13507

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Determination of the Ice Surface Elevation of Antarctica by an Aerological Method, by O. G. Krichak.

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Geological Significance of the Discovery of New Mountains South of the Prince Charles Mountains in East Antarctica, by P. A. Gerasimov.

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Magnetic Properties of the Precambrian Rocks in Bunger Hills, by O. K. Vladmirov.

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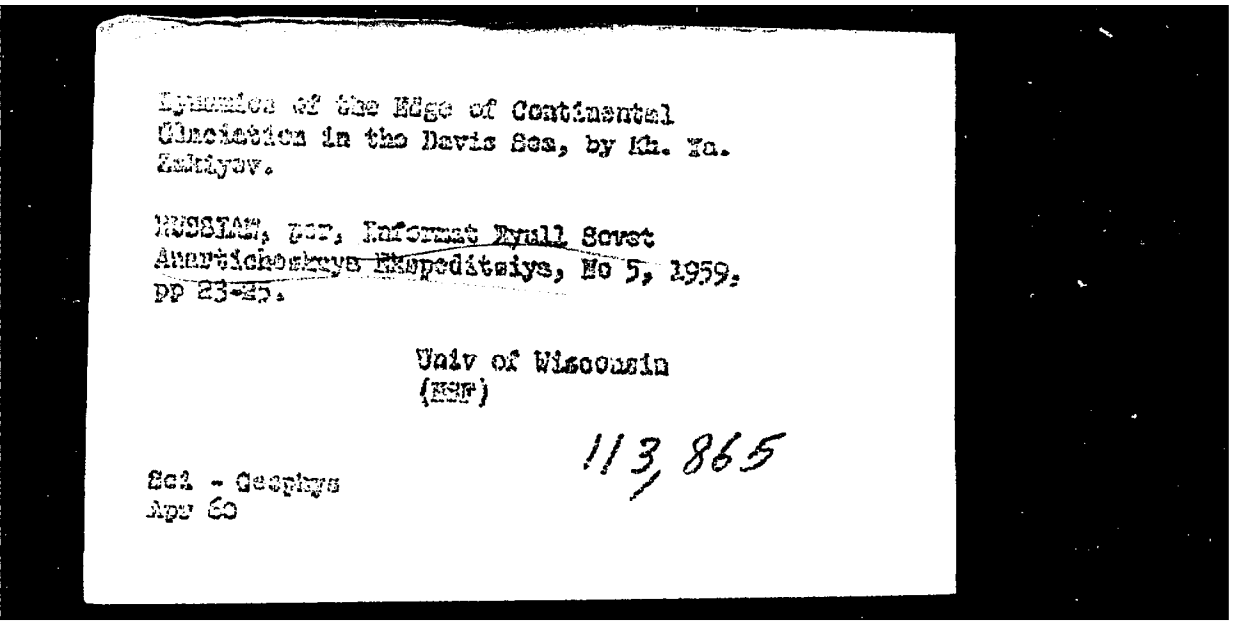

Expansion of the Edge of Continental Glaciation in the Davis Sea, by Kh. Ya. Zakhyav.

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Concerning Cyclone Activity in the High Latitudes of the Southern Hemisphere During the Winter Period, by P. D. Astapenko.

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Peculiarities of the Formation of a Snow Cover in Antarctica, by I. D. Kopanev.

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Astronomical Causes of Drift of Ice and Icebergs in Antarctica, by I. V. Nekrasov.

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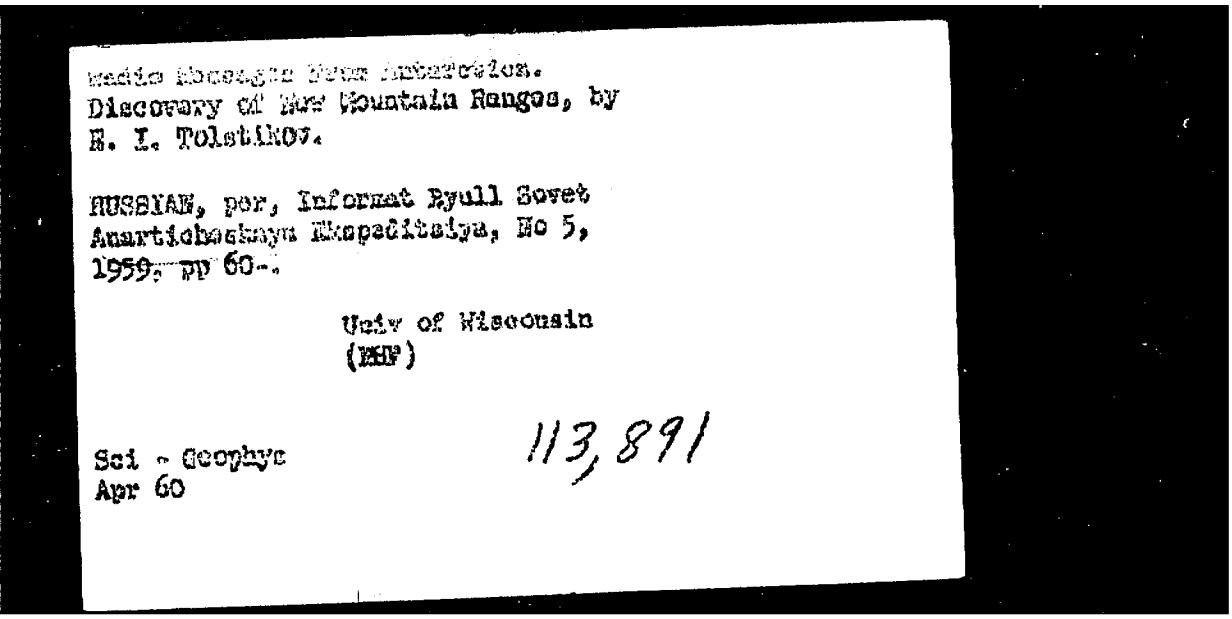

Radio Message from Antarctica.
Discovery of New Mountain Ranges, by
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Physical Properties of the Rocks of East Antarctica and Possibilities for Use of Various Methods of Geophysical Exploration, by S. A. Uchakov.

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Subglacial Ridge in the Pionernaya Area, by Yu. S. Glebovsky.

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Current Measurements in the Southwestern Part of the Indian Ocean by the Electromagnetic Method, by K. V. Moroshkin,

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Geological Structure of the Mirnyy Observatory Area, by Yu. S. Glebovsky.

RUSSIAN, per, Informat Byull Sovet Antarticheskaya Ekspeditsiya, No 8, 1959, pp 21-23.

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Causes of Different Land Distribution in the Arctic and in Antarctica, by D. G. Panov.

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Some Conclusions on the Seismic and Gravity Data on the Little America -- Byrd Station Profile, by S. A. Ushakov, G. E. Lazarev.

RUSSIAN, per, Informat Bull Sovet Antarkticheskoya Ekspeditsiya, 1959, No 9, pp 17-20.

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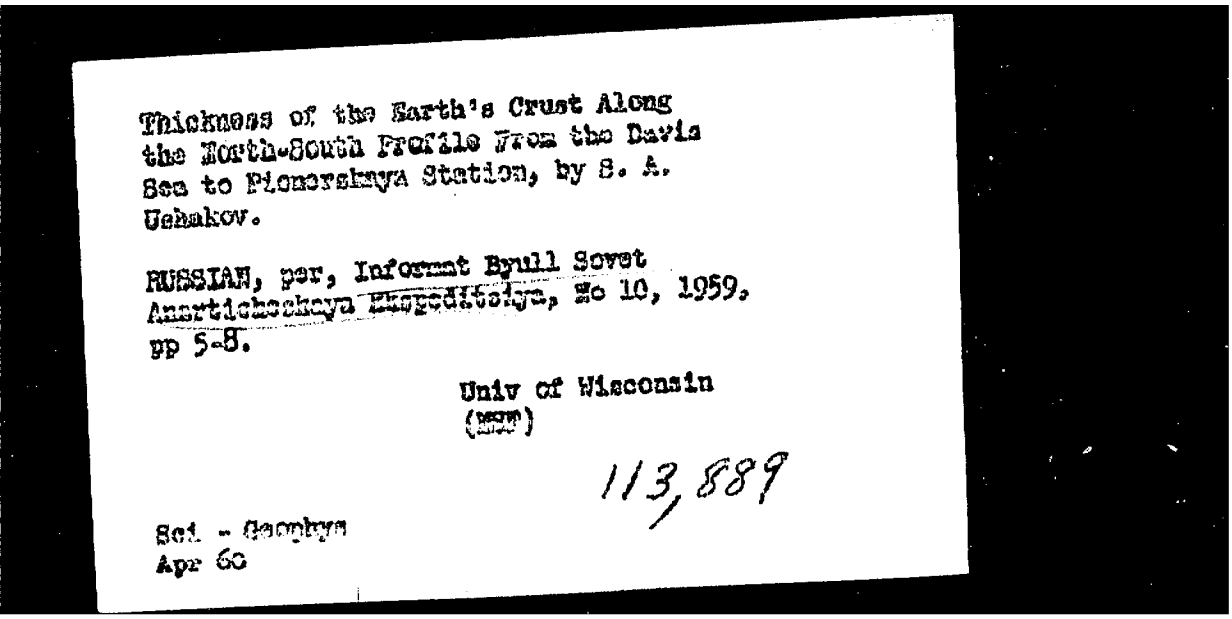

Thickness of the Earth's Crust Along the North-South Profile From the Davis Sea to Pionerskaya Station, by S. A. Ushakov.

RUSSIAN, per, Informat Byull Sovet Antarticheskaya Ekspeditsiya, No 10, 1959, pp 5-8.

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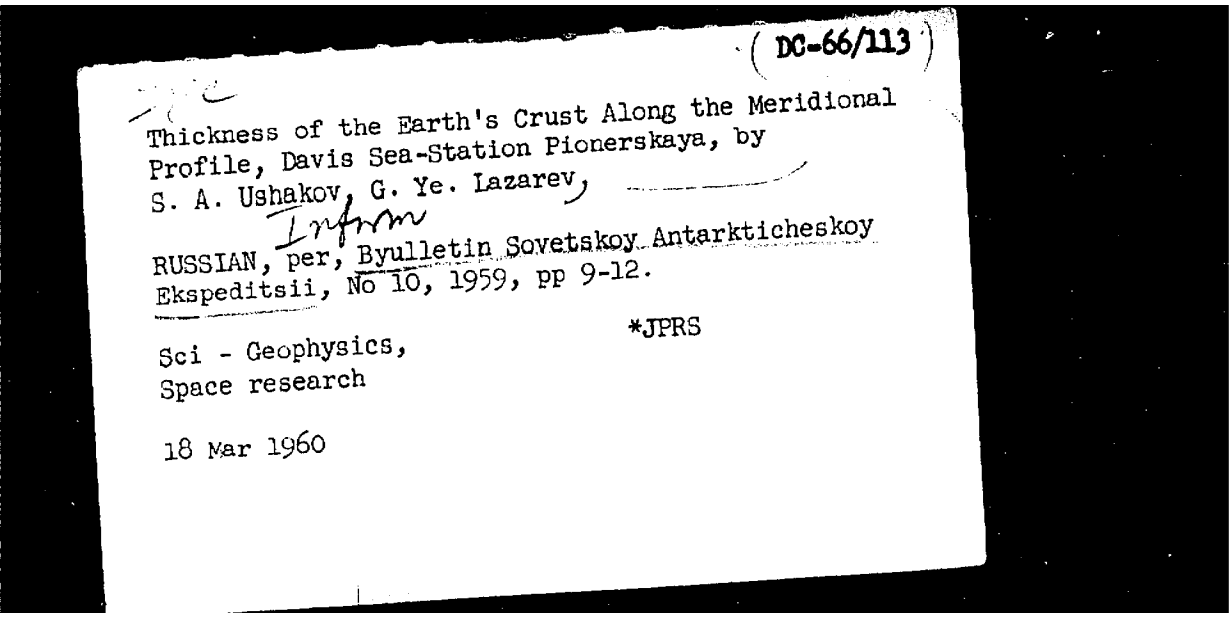

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Thickness of the Earth's Crust Along the Meridional Profile, Davis Sea-Station Pionerskaya, by S. A. Ushakov, G. Ye. Lazarev,

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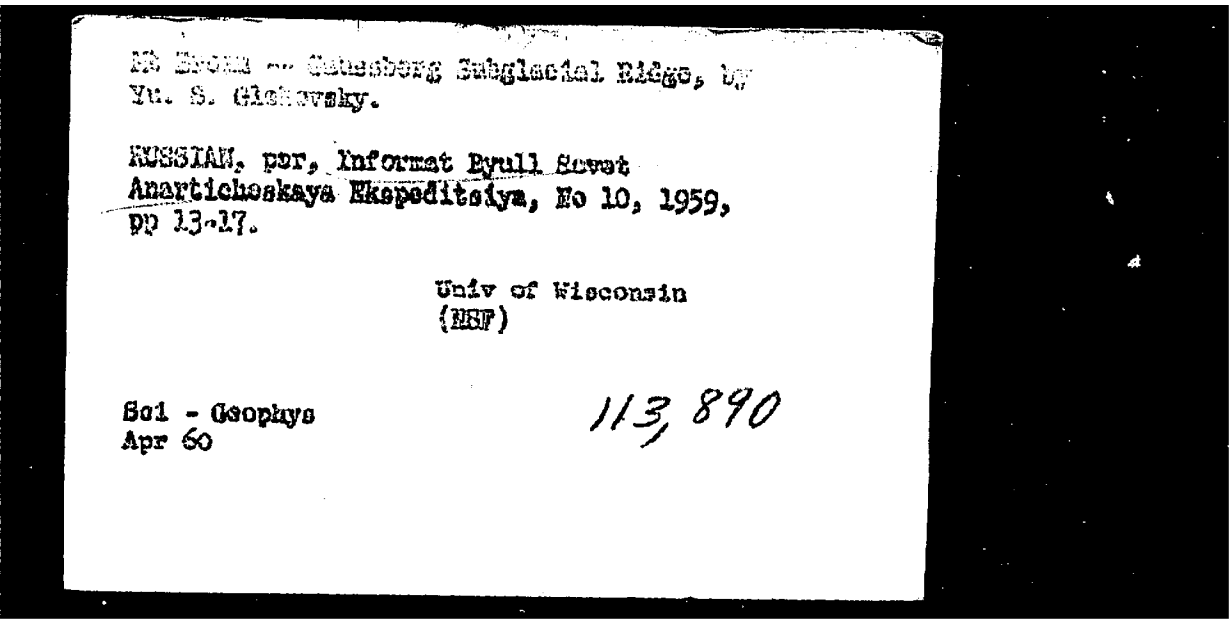

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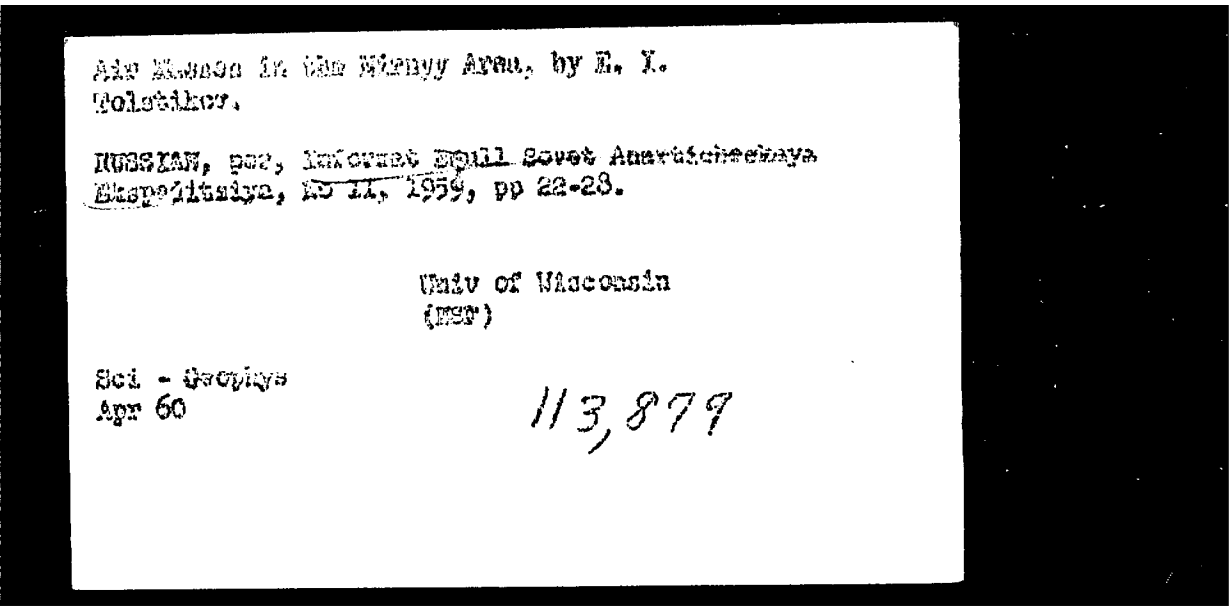

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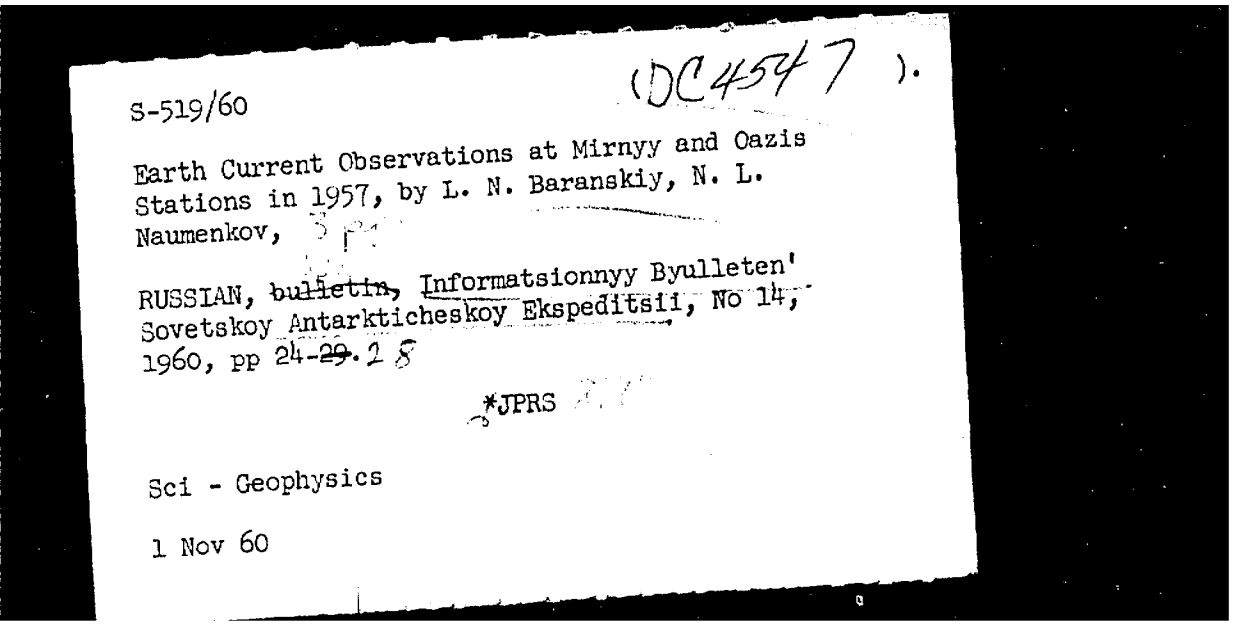

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(Earth Sciences--Geography, TT, v. 7, no. 7)

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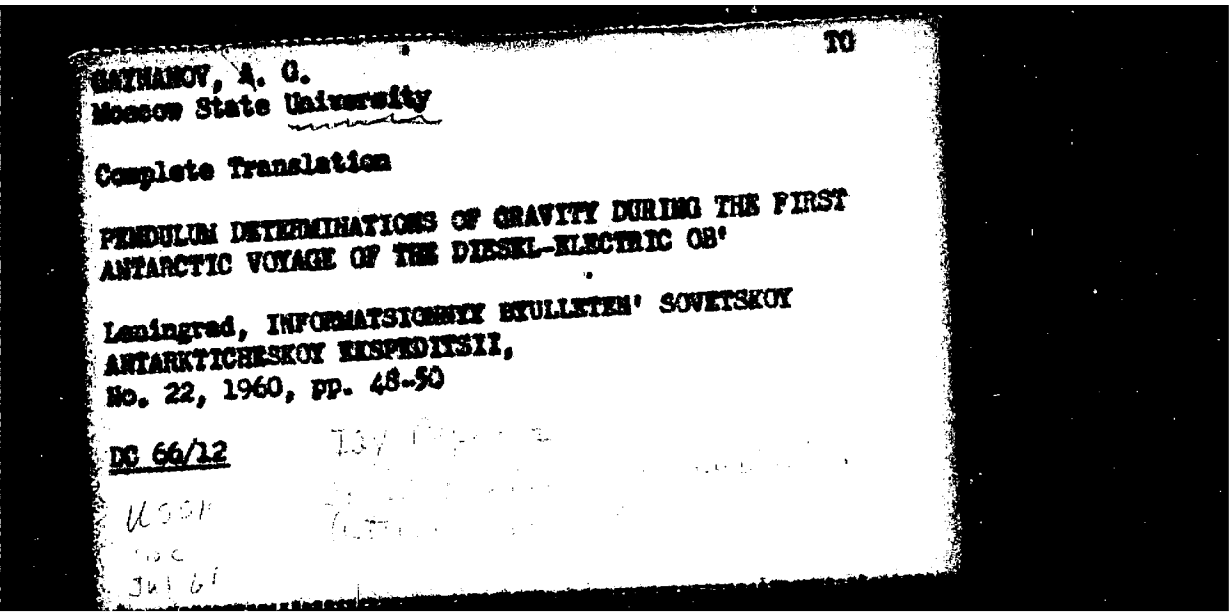

TO

GAYNANOV, A. G.
Moscow State University

Complete Translation

PENDULUM DETERMINATIONS OF GRAVITY DURING THE FIRST ANTARCTIC VOYAGE OF THE DIESEL-ELECTRIC OB'

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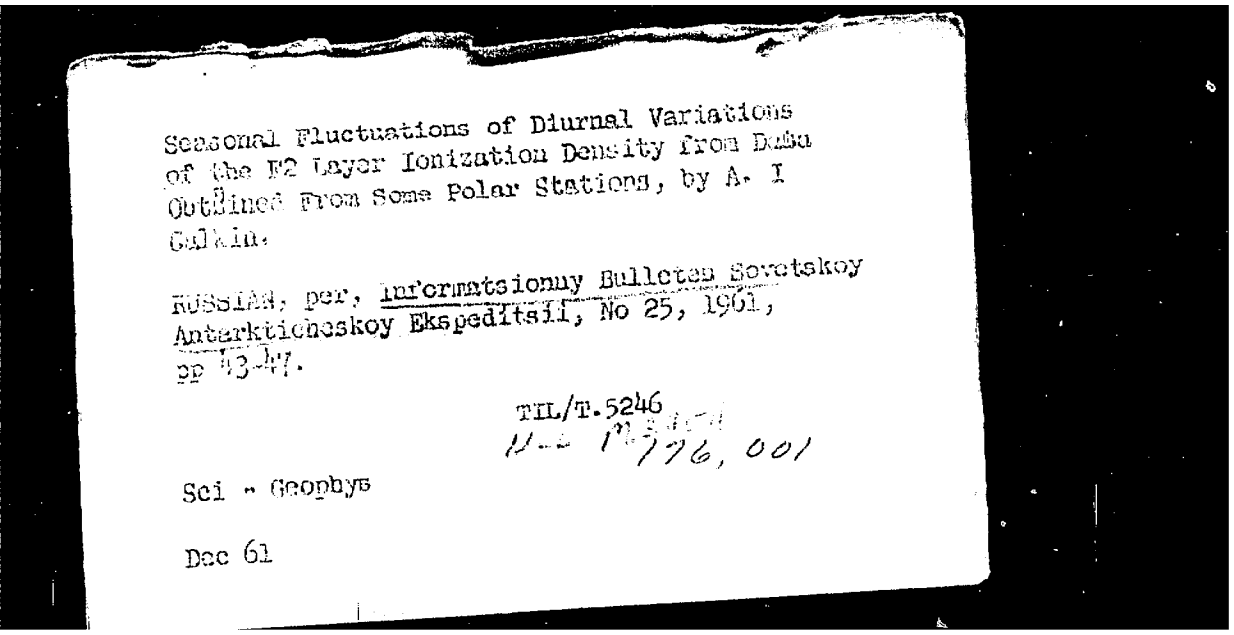

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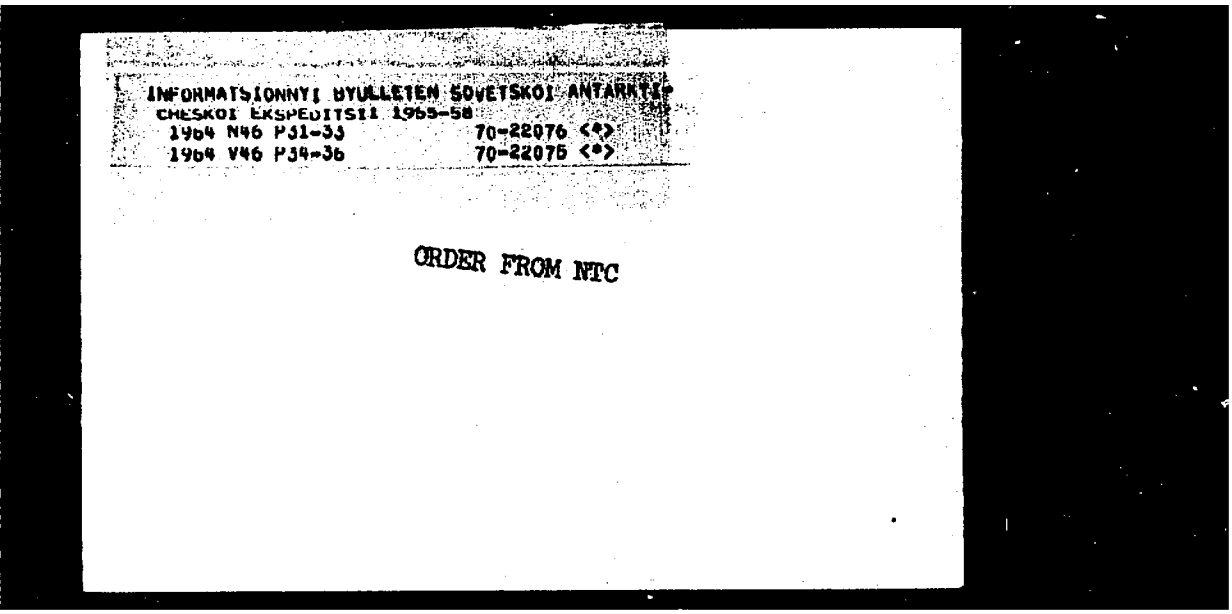


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